



POLK STATE  
Corporate College

## Industrial Ammonia Refrigeration and Certification Training

### **Four-Hour Lock-Out/Tagout Training (Spanish)**

**8:00 am – 12:00 pm**

**\$99.00**

### **Electrical Lock-Out/Tagout Safety: An Overview of the Standards**

**Course Code: 584**

**Four-Hour Course Offering Four Continuing Education Credits (CEUs)**

This course in electrical safety awareness pertains to the individual training requirements for potentially hazardous electrical energy that may be encountered in water-management and waste-water facilities and workplaces. Lock-Out/Tag-Out training is an integral part of electrical safety and provides approved methods for isolating hazards that need to be replaced or repaired. For this reason, training has been paired with electrical safety.

The Texas Commission of Environmental Quality references two professional organization's publications in their rules: The *Texas Administrative Code* (TAC) and *The American Water Works Association (AWWA) Manual's* (M3) section on "Safety Practices for Water Utilities."

*Part 30 TAC 290.44(a) Design and standards: All potable water distribution systems including pump stations, mains, and both ground and elevated storage tanks, shall be designed, installed, and constructed in accordance with current American Water Works Association (AWWA) Standards with reference to materials to be used and construction procedures to be followed.*

### Additional References:

- 1) 29 Code of Federal Regulations (CFR) Subpart S, Part 1910.332: *Occupational Safety and Health Administration (OSHA) Training*
- 2) 29 CFR Part 1926, Subpart K: *OSHA Electrical Standards of Construction*
- 3) 29 CFR Part 1926.417: *Lock-Out and Tagging of Circuits*
- 4) 29 CFR Part 1910.147: *The Control of Hazardous Energy* (Lock-Out/Tag-Out Procedure)
- 5) *National Fire Protection Association 101 Life Safety Code*
- 6) *National Electrical Code*

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- 7) Texas Commission on Environmental Quality (TCEQ): Title 30 of Texas Administrative Code (TAC)  
Chapters 290 and 217

## Course Objectives:

Upon successful completion of this workshop, the student is able to:

- 1) Identify and list electrical hazards in the workplace.
- 2) Identify and use machine-specific lock-out/tag-out procedures and assess energy sources for each potentially hazardous machine in the work environment.
- 3) Identify energy sources.
- 4) Locate and appropriately assess available hazard information.
- 5) Apply protective measures such as engineering controls, modify work practices to mitigate hazards, and select necessary personal protective equipment.
- 6) Conduct inspections for electrical hazards that may be found in the workplace.
- 7) Communicate hazard information to fellow employees.

Seminar reservations may be made by contacting:

Wagner- Meinert, LLC

260-489-7555

[www.wagner-meinert.com](http://www.wagner-meinert.com)

## **Industrial Ammonia Refrigeration and Certification Training**

Polk State Corporate College

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